

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Sub atomic particles which does not experience strong nuclear force are.	A. hadrons B. Photons C. Leptons D. Nucleons
2	The quality of a note	A. Decreases with loudness B. Varies directly as its pitch C. Varies inversely as its pitch D. Depends upon the overtones
3	Certain gas are called permanent gases because.	A. They cannot be liquified B. They are perfect gases C. The critical temperatures are low D. their boiling points are low
4	When a tennis ball is hit by a racket inasmuch a way that it spins as well as moves forward the velocity of the air on one side of the ball	A. Increases B. Decreases C. Remain constant D. Become zero
5	The magnitude of the instantaneous velocity is called the.	A. Displacement B. Speed C. Acceleration D. Length
6	Which method of charging is involved in making lightning.	A. Induction B. Friction C. Contact D. Convection
7	When a bowl of water is taken into the bottom of a well the work done is.	A. Positive B. Negative C. Zero D. Maximum
8	In one cycle of a steam engine there are how many dead centres.	A. 1 B. 2 C. 3 D. zero
9	What is world's average surface air temperature.	A. 5 °C B. 10 °C C. 15 °C D. 20 °C
10	Internal energy of a gas decreased when	A. It gains heat B. Change in cycle C. Change in adiabatic D. Change in reversible
11	One light year is equal to.	A. $9.46 \times 10^{15}$ cm B. $9.46 \times 10^{15}$ m C. $9.46 \times 10^{15}$ km D. $7.88 \times 10^{14}$ m
12	Difference between $C_p$ and $C_v$ is equal to	A. General gas constant B. Planck's constant C. Molar gas constant D. Boltzmann's constant
13	What is the total entropy change during an reversible cycle.	A. Unity B. Infinite C. Zero D. Cannot be detected
14	At which temperature surface tension of liquid will be maximum	A. 0 °C B. 20 °C C. 30 °C D. 100 °C
15	What is the internal energy of a mono atomic ideal gas.	A. Potential only B. Parity kinetic and parity potential C. Kinetic only D. Neither kinetic nor potential

16	From which radiation it is most difficult to protect oneself.	A. Alpha radiation B. Beta radiation C. Gama radiation D. Heat radiation
17	Which one of the following is not true.	A. velocity can be negative B. velocity is a vector C. Speed is a scalar D. Speed can be negative
18	A solid state detector is basically	A. A reverse biased p-n junction B. A forward biased p-n junction C. A p-n -p transistor D. A n-p-n transistor
19	How eddy current losses are reduced in A F and R F transformers.	A. By using air cores B. By using shell cores C. By using laminated cores D. By using ferrite cores
20	A radiation spectrum which is continuously distributed over a frequency region without being broken up into lines or bands is known as.	A. Continuous spectrum B. Band spectrum C. discrete spectra D. Absorption spectrum